

FIGURE S1 | Assessment of culturable microorganisms of grapevine leaves. Colony forming units (CFU) of bacteria (A, B) and fungi (C, D) per unit of grapevine leaf area (cm<sup>2</sup>) were assessed for untreated plants (grey), and plants treated with water (blue), nutrient broth (orange) or laminarin (green) collected just before (T0) and one day after (T1) *Plasmopara viticola* in the experiment 1 (A, C) and experiment 2 (B, D), by plating method on selective media. Mean  $Log_{10}$  (CFU/cm<sup>2</sup>) values and standard errors from three replicates (each as a pool of two plants) are presented for each sample. Different lowercase and uppercase letters indicate significant differences at T0 and T1 according to Fisher's test ( $\alpha = 0.05$ ), respectively.